

CLAIMS

I claim:

1 1. A fishing rod strike sensor, comprising:
2 a sensor having an electrical characteristic that varies as
3 the sensor flexes;
4 means for attaching said sensor to a fishing rod such that
5 said electrical characteristic varies as the fishing rod flexes;
6 an alarm signaling device;
7 an electrical circuit in electrical connection with said
8 sensor, the circuit defining a first threshold, the circuit
9 having an output that is activated when said electrical
10 characteristic exceeds said first threshold, the output being in
11 electrical connection with said alarm signaling device;
12 means for adjusting said first threshold; and
13 an electrical power source in electrical connection with
14 said electrical circuit.

1 2. The fishing rod strike sensor according to claim 1,
2 further comprising:

3 a second threshold defined by said circuit, said output
4 being activated when said electrical characteristic falls
5 outside of said first and second thresholds; and

6 means for adjusting said second threshold.

1 3. The fishing rod strike sensor according to claim 2,
2 wherein said electrical circuit comprises a window comparator.

1 4. The fishing rod strike sensor according to claim 1,
2 wherein said sensor is a flexible resistor having a resistance
3 that varies as the flexible resistor flexes.

1 5. The fishing rod strike sensor according to claim 1,
2 further comprising a housing, the alarm signaling device,
3 electrical circuit, threshold adjusting means, and electrical
4 power source being contained within said housing.

1 6. The fishing rod strike sensor according to claim 5,
2 wherein said sensor attaching means comprises a bridge having
3 forward and rearward ends, the rearward end supported by said
4 housing and the forward end extending from said housing.

1 7. The fishing rod strike sensor according to claim 6,
2 further comprising at least one clip disposed on the forward end
3 of said bridge.

1 8. The fishing rod strike sensor according to claim 1,
2 further comprising a fishing rod having a handle portion and a
3 rod portion, wherein:

4 the alarm signaling device, electrical circuit, threshold
5 adjusting means, and electrical power source are contained
6 within said handle portion; and

7 said sensor attaching means comprises means for attaching
8 said sensor to said rod portion.

1 9. The fishing rod strike sensor according to claim 1,
2 wherein said alarm signaling device comprises a visual signaling
3 device.

1 10. The fishing rod strike sensor according to claim 1,
2 wherein said alarm signaling device comprises an audio signaling
3 device.

1 11. A fishing rod strike sensor, comprising:
2 a sensor having an electrical characteristic that varies as
3 a mechanical force is applied to the sensor;
4 means for attaching said sensor to a fishing rod such that
5 said electrical characteristic varies as the fishing rod flexes;
6 an alarm signaling device;
7 an electrical circuit in electrical connection with said
8 sensor, the circuit defining a first threshold, the circuit
9 having an output that is activated when said electrical
10 characteristic exceeds said first threshold, the output being in
11 electrical connection with said alarm signaling device;
12 means for adjusting said first threshold; and
13 an electrical power source in electrical connection with
14 said electrical circuit.

1 12. The fishing rod strike sensor according to claim 11,
2 further comprising:
3 a second threshold defined by said circuit, said output
4 being activated when said electrical characteristic falls
5 outside of said first and second thresholds; and
6 means for adjusting said second threshold.

1 13. The fishing rod strike sensor according to claim 12,
2 wherein said electrical circuit comprises a window comparator.

1 14. The fishing rod strike sensor according to claim 11,
2 wherein said sensor is a force sensor having a resistance that
3 varies as a mechanical force is applied to the sensor.

1 15. The fishing rod strike sensor according to claim 11,
2 further comprising a housing, the sensor, alarm signaling
3 device, electrical circuit, threshold adjusting means, and
4 electrical power source being contained within said housing.